Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 24 Apr 2023 until 23:59 on Tuesday 25 Apr 2023

Forecast Issued on Monday 24 Apr 2023 at 01:11

Confidence: High for fairly settled conditions to start the week, and for unsettled conditions to return from midweek. Low confidence for cloud and rain details.

Headline for Monday 24 Apr 2023: Cloudy with isolated rain showers during the afternoon. Sunshine breaking out during the evening.

Mountain weather hazards on Monday 24 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Clear night
Precipitation probability					
10%	20%	30%	30%	10%	<05%

Forecast for Monday 24 Apr 2023

Weather: Cloudy but dry overnight, with a few clear spells at times. Cloud thickening up through the morning, remaining dry at first but with isolated showers possible through the afternoon, these falling mainly as rain. The showers dying away into the evening, with some late sunshine as clouds break up.

Chance of cloud-free hill tops above 600m: Greater than 90%

Low cloud and visibility: Widespread cloud through the early hours, perhaps just covering the highest peaks for brief spells. After daybreak cloud lifting comfortably above the summits, lowering at times in any showers but unlikely to affect even the highest peaks. Cloud clearing into the evening. Visibility generally good or very good through the morning, becoming excellent through the afternoon and evening with superb panoramic views.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 24 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 NE	14/20 N	13/19 N	16/23 NE	16/23 NE	12/19 NE	10/17 N
300	7/10 N	10/15 N	11/16 N	13/20 NE	13/20 NE	10/17 NE	5/9 N
Valley	4/11 N	9/16 N	9/16 N	11/20 NE	10/20 NE	8/20 NE	5/14 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	2/-3	3/-1	3/-2	2/-4	-0/-5	-1/-6
300	4/0	5/2	6/3	6/2	5/1	3/-1	1/-1
Valley	4/3	6/4	8/6	7/4	6/2	3/-0	1/-1
Freezing Level*	600m	600m	700m	700m	500m	400m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the severe chill effect in exposure in colder northerly winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 24 Apr 2023	3.2mm	4.6mm	8.6mm

Forecast for Tuesday 25 Apr 2023

Weather: Cold and clear overnight with a widespread frost forming down to all levels. A sunny start, with cloud then filling in through the morning, staying dry and bright with occasional sunny spells at times, although still feeling on the cooler side away from the sun.

Maximum wind: Northwesterly 10 mph.

Chance of cloud-free hill tops above 600m: Greater than 90%

Low cloud and visibility: Cloud filling in through the morning comfortably above the summits, affording superb panoramic views.

Temperature: **Valleys:** Zero Celsius, rising to Plus 7 Celsius.
At 600m: Minus 2 Celsius, rising to Plus 4 Celsius.
Freezing level: 200m or less, rising to 600m.

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